

**APPARATUS AND METHOD OF PROVIDING INSTANT
INFORMATION SERVICE FOR VARIOUS DEVICES**

5

ABSTRACT OF THE DISCLOSURE

An apparatus for providing instant information service for a plurality of devices, comprising: a network connecting unit (52) for fetching data from backend servers (41, 42, 43) and packaging the data into XML elements; a cache (53), caching the XML
10 elements packaged by network connecting unit (52); and a controller (51), response to a request for information service from a client's, for fetching relevant XML elements from cache (53), and for the XML elements that cannot be fetched from cache (53), instructing the network connecting unit (52) to fetch the corresponding data from the backend servers and package the data into XML elements. Finally packaging all the obtained
15 XML elements into a XML document and sending it back to the clients.